



OICE

RAW SEQUENCE LISTING

DATE: 03/21/2003

PATENT APPLICATION: US/09/766,880B

TIME: 13:38:06

Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw

4 <110> APPLICANT: Jones, Chris L.
 5 Abrams, Ezra S.
 6 Kieffer-Higgins, Stephen G.
 7 Chang, Jianhong
 8 Eacock, Graham P.
 9 Webb, Michael
 10 McLewell, Christopher S.

11 <120> TITLE OF INVENTION: Methods of and Apparatus for Separating and Detecting
 Nucleic Acid

12 <130> FILE REFERENCE: 110163.132US2
 13 <140> CURRENT APPLICATION NUMBER: US 09/766,880B
 14 <141> CURRENT FILING DATE: 2001-01-19
 15 <150> PRIOR APPLICATION NUMBER: US 60/176,839
 16 <160> PRIOR FILING DATE: 2001-01-19
 17 <180> NUMBER OF SEQ ID NOS: 20
 18 <190> SOFTWARE: FastSeq for Windows Version 4.0
 19 <210> SEQ ID NO: 1

20 <211> LENGTH: 50

21 <212> TYPE: DNA

22 <213> ORGANISM: Staphylococcus epidermis

23 <400> SEQUENCE: 1

24 catgaacct ctgagctct gacggaagca gcattaagtg gatctcata

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25 <210> SEQ ID NO: 2

26 <211> LENGTH: 16

27 <212> TYPE: DNA

28 <213> ORGANISM: Unknown

29 <400> FEATURE:

30 <220> OTHER INFORMATION: staphylococcus

31 <400> SEQUENCE: 2

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26

33 <210> SEQ ID NO: 3

34 <211> LENGTH: 19

35 <212> TYPE: DNA

36 <213> ORGANISM: Staphylococcus aureus

37 <400> SEQUENCE: 3

38 catgaacct ctgagctct gacggaagca gcattaagtg gatctcata

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39 <210> SEQ ID NO: 4

40 <211> LENGTH: 49

41 <212> TYPE: DNA

42 <213> ORGANISM: Unknown

43 <400> FEATURE:

44 <220> OTHER INFORMATION: staphylococcus

45 <400> SEQUENCE: 4

46 catgaacct gtcaggtctt gacggaagca gcattaagtg gatctcata

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ENTERED

RAW SEQUENCE LISTING

DATE: 03/21/2003

PATENT APPLICATION: US/09/766,880B

TIME: 13:38:36

Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw

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61 <210> SEQ ID NO: 5
62 <211> LENGTH: 46
63 <212> TYPE: DNA
64 <213> ORGANISM: Streptococcus pyogenes
65 <400> SEQUENCE: 5
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66 <210> SEQ ID NO: 6
67 <211> LENGTH: 46
68 <212> TYPE: DNA
69 <213> ORGANISM: Streptococcus pneumoniae
70 <400> SEQUENCE: 6
75 ctttgggtt aaatgggtca ggggaggaat ccagcagccc taagcc 46
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 30
78 <212> TYPE: DNA
79 <213> ORGANISM: Unknown
80 <214> FEATURE:
81 <215> OTHER INFORMATION: streptococcus
82 <400> SEQUENCE: 7
89 atgtttcatt cctcctatcc agcagc 26
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 46
85 <212> TYPE: DNA
86 <213> ORGANISM: Streptococcus equi
87 <400> SEQUENCE: 8
97 ctttgggtt aaatgggtca ggggaggaat ccagcagcca taagcc 46
98 <210> SEQ ID NO: 9
100 <211> LENGTH: 46
101 <212> TYPE: DNA
102 <213> ORGANISM: Streptococcus mutans
103 <400> SEQUENCE: 9
105 gcttttggtg aaatgggtca ggggaggaat ccagcagccc taagcc 46
107 <210> SEQ ID NO: 10
108 <211> LENGTH: 41
109 <212> TYPE: DNA
110 <213> ORGANISM: Unknown
111 <214> FEATURE:
112 <215> OTHER INFORMATION: streptococcus
113 <400> SEQUENCE: 10
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118 <210> SEQ ID NO: 11
119 <211> LENGTH: 61
120 <212> TYPE: DNA
121 <213> ORGANISM: Klebsiella pneumoniae
122 <400> SEQUENCE: 11
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123 gctt 64
127 <210> SEQ ID NO: 12
128 <211> LENGTH: 64

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Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw

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129 <210> TYPE: DNA
130 <211> ORGANISM: Unknown
131 <212> FEATURE:
132 <213> OTHER INFORMATION: styphimur W
133 <400> SEQUENCE: 17
134 ctagctgttac caggtcaggt ccggaaggaa gcagccaagg cagatgacgc 60
135 gttg 64
136 <210> SEQ ID NO: 13
137 <211> LENGTH: 64
138 <212> TYPE: DNA
139 <213> ORGANISM: Escherichia coli
140 <400> SEQUENCE: 17
141 ctagctgttac caggtcaggt ccggaaggaa gcagccaagg cagatgacgc 60
142 gttg 64
143 <210> SEQ ID NO: 14
144 <211> LENGTH: 16
145 <212> TYPE: DNA
146 <213> ORGANISM: Escherichia coli
147 <400> SEQUENCE: 14
148 ataggttagg tccggaaggga agcagc 26
149 <210> SEQ ID NO: 15
150 <211> LENGTH: 44
151 <212> TYPE: DNA
152 <213> ORGANISM: Pseudomonas aeruginosa
153 <400> SEQUENCE: 17
154 cgtacagatt acaggttaac ctggtcaggt ccggaaggaa gcagccacag cgggaacatc 60
155 gttg 64
156 <210> SEQ ID NO: 16
157 <211> LENGTH: 64
158 <212> TYPE: DNA
159 <213> ORGANISM: Bacillus cereus
160 <400> SEQUENCE: 16
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162 gttg 64
163 <210> SEQ ID NO: 17
164 <211> LENGTH: 44
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <214> FEATURE:
168 <215> OTHER INFORMATION: oligonucleotide probe
169 <400> SEQUENCE: 17
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171 <210> SEQ ID NO: 18
172 <211> LENGTH: 20
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <214> FEATURE:
176 <215> OTHER INFORMATION: oligonucleotide probe
177 <400> SEQUENCE: 13

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194 aggcgcgggga acgtattcac 20
195 <210> SEQ ID NO: 19
196 <211> LENGTH: 22
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <221> OTHER INFORMATION: oligonucleotide probe
204 <400> SEQUENCE: 19
205 attcgtctta ctgggcacac gg 22
206 <210> SEQ ID NO: 20
207 <211> LENGTH: 41
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <221> OTHER INFORMATION: oligonucleotide probe
215 <400> SEQUENCE: 20
216 tctgggcctt tgcataagtg agtcagggc ttctctctc g 41
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VERIFICATION SUMMARY

DATE: 03/21/2003

PATENT APPLICATION: US/09/766,880B

TIME: 15:58:57

Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw